

★ TOPO

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★ SU 1825399-A3

Radial piston hydraulic motor, e.g. for machinery drive - has piston stroke regulated by axially-moving cradle with offset inner and outer spherical surfaces

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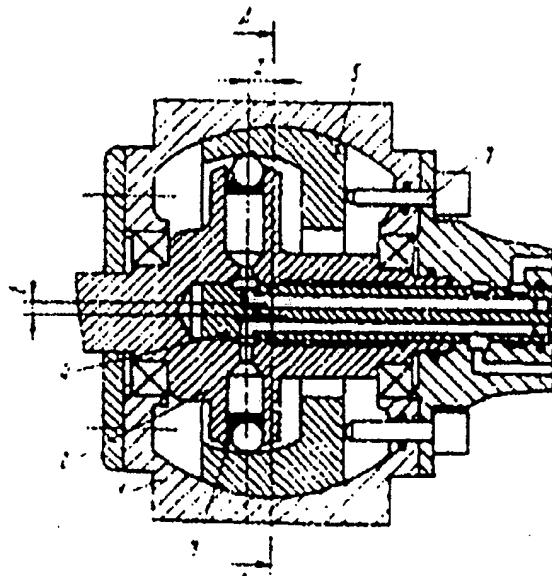
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The motor comprises a housing (1) containing a cylinder block (2) with pistons (3) which are able to interact with the inner spherical surface of a thrust cage (5). The thrust cage is set inside the housing and can be moved by pushers (7) to vary the piston stroke.

The cage and housing have outer and inner spherical surfaces which interact to form a ball joint, and the centre of the cage's outer spherical surface is offset axially in relation to its inner spherical surface.

ADVANTAGE - Smaller radial dimensions and reduced effort required to regulate working volume. Bul.24/30.6.93 (3pp Dwg.No.1/3)

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